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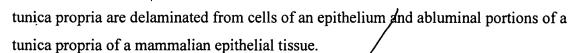
CLAIMS

- 1 1. A devitalized matrix for inducing repair of tissue defects in a mammal, 2 comprising: 3 an isolated devitalized mammalian epithelial basement membrane and tunica 4 propria immediately subjacent to said basement membrane. 5 2. The matrix of claim 1 wherein said basement membrane is derived from 1 urinary bladder. 2 The matrix of claim 1 wherein said basement membrane is derived from 3. 1 small intestine. 2 The matrix of claim 1 wherein said matrix is sutured at said tissue defect. 5. The matrix of claim 1 wherein said matrix is injected into said tissue 2 defect. The matrix of claim 1 wherein said matrix is applied to a tissue defect 6. 1 fixation device. 2 The matrix of claim 1 wherein said matrix is mixed with a pharmaceutical 7. 1 2 agent. 8. A method for inducing repair of a tissue defect in a mammal, said method 1 comprising: providing to a defect site, a devitalized matrix comprising a mammalian epithelial 4 basement membrane and tunica propria immediately subjacent to said basement membrane. 5 The method of claim 8 wherein said repair comprises induction of 9. 1
 - connective tissue repair and epithelial tissue repair at said tissue defect site.
 - A devitalized composition, comprising: 10.

mammalian epithelial basement membrane and tunica propria immediately

subjacent to said epithelial basement membrane, wherein said basement membrane and





11. A devitalized composition, comprising:

mammalian epithelial basement membrane, tunica propria, and smooth muscle cells of the tunica muscularis, wherein said basement membrane, tunica propria, and smooth muscle are delaminated from epithelial cells of a mammalian epithelium.

12. A devitalized composition, comprising:

mammalian epithelial basement membrane and submucosa, wherein said basement membrane and submucosa are delaminated from the cells of an epithelium and tunica muscularis of a mammalian epithelial tissue.

13. A method for manufacture of a devitalized tissue graft composition, comprising:

soaking a mammalian epithelial tissue in a deepthelializing solution to form a deepithelialized tissue having an epithelial basement membrane; and,

abrading said deepithelialized tissue on an abluminal surface of said tissue to form a delaminated tissue, wherein the delaminated tissue remaining after abrading said tissue, comprises at least a portion of the epithelial basement membrane and said delaminated tissue comprising said basement membrane induces endogenous tissue restoration.

14. The method of claim 13 wherein said deepithelializing solution comprises 1.0 N saline.

The method of claim 13 wherein said abluminal surface comprises a tissue surface deeper than said epithelial basement membrane.

The method of claim 13 wherein said epithelial tissue comprises urinary bladder.

The method of claim 13 wherein said epithelial tissue comprises small intestine.

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